# **Setting up R, R Studio and h2o on a Linux server (RHEL6)**

## Adding the EPEL repository to enable installation of new packages:

*su -c 'rpm -Uvh* [*http://download.fedoraproject.org/pub/epel/6/i386/epel-release-6-8.noarch.rpm*](http://download.fedoraproject.org/pub/epel/6/i386/epel-release-6-8.noarch.rpm)*'*

*sudo yum update*

Adding the additional packages from CENTOS repo (unavailable in RHEL repo):

*wget* [*http://mirror.centos.org/centos/6/os/x86\_64/Packages/lapack-devel-3.2.1-4.el6.x86\_64.rpm*](http://mirror.centos.org/centos/6/os/x86_64/Packages/lapack-devel-3.2.1-4.el6.x86_64.rpm)

*wget* [*http://mirror.centos.org/centos/6/os/x86\_64/Packages/blas-devel-3.2.1-4.el6.x86\_64.rpm*](http://mirror.centos.org/centos/6/os/x86_64/Packages/blas-devel-3.2.1-4.el6.x86_64.rpm)

*wget* [*http://mirror.centos.org/centos/6/os/x86\_64/Packages/texinfo-tex-4.13a-8.el6.x86\_64.rpm*](http://mirror.centos.org/centos/6/os/x86_64/Packages/texinfo-tex-4.13a-8.el6.x86_64.rpm)

*wget* [*http://mirror.centos.org/centos/6/os/x86\_64/Packages/libicu-devel-4.2.1-14.el6.x86\_64.rpm*](http://mirror.centos.org/centos/6/os/x86_64/Packages/libicu-devel-4.2.1-14.el6.x86_64.rpm)

*sudo yum localinstall \*.rpm*

Installing R and R studio:

*sudo yum install R*

*yum list R-\\**

*sudo yum install* [*http://download1.rstudio.org/rstudio-0.97.320-x86\_64.rpm*](http://download1.rstudio.org/rstudio-0.97.320-x86_64.rpm)

Installing additional dependencies for h2o:

*yum install R-devel.x86\_64*

*yum install libcurl-devel.x86\_64*

Installing additional packages for h2o and h2o:

Open R prompt(type “R” to goto the R-prompt ”>”) and install the following packages for h2o:

*install.packages("RCurl")*

*install.packages("rjson")*

*install.packages("statmod")*

*install.packages("survival")*

*install.packages("stats")*

*install.packages("tools")*

*install.packages("utils")*

*install.packages("methods")*

*install.packages("h2o")*

Initiate and verify(from the R prompt):

*library(h2o)*

*localH2O = h2o.init()*

Open a browser and enter the following in the address bar:

IPaddress:54321

Where IPaddress is the IP of the machine on which we installed h2o and 54321 is the default port number on which h2o notebook runs.